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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XII, No. 6 McKEE PRINT JUNE, 1964

Production of crude oil and condensate from the oil and gas areas of Montana for the month of June, 1964, averaged 84,277 barrels daily, an increase of 1,635 barrels from the average May production of 82,642.

The eight refineries in state processed 87,741 barrels of crude oil daily for the month of June, 1964, an increase of 495 barrels from the 87,246 barrels processed daily during the month of May, 1964.

During June, 32 wells were completed, 12 oil, 0 gas well and 20 dry holes.

During June, the commission issued 38 permits to drill new wells, an increase of 4 from 34 permits issued during May.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA

MONTH OF JUNE, 1964

IN STORAGE JUNE 1st:	
By Producers	371,082
By Transporters	1,087,603
By Refiners	743,051
TOTAL STORAGE	2,201,736
Produced in Montana During Month	2,528,333
Imported During Month	1,648,465
TOTALS	6,378,534
DISPOSITION:	
Refined in Montana	2,632,259
Exported	1,482,757
Used for Fuel or Lost	13,795
TOTAL	4,128,811
IN STORAGE JUNE 30th:	
By Producers	346,150
By Transporters	1,115,235
By Refiners	788,338
TOTAL STORAGE	2,249,723

NATURAL GAS WITHDRAWALS IN MONTANA

Month of June, 1964

Field	M Cu. Ft.
Bears Den	0
Big Coulee	42,025
Bowdoin	65,200
Bowes	75,034
Cabin Creek	104,201
Cedar Creek	167,385
Cut Bank (Including Reagan)	481,297
Devon	0
Dry Creek	56,451
Elk Basin	29,107
Flat Coulee	1,519
Gold Butte	0
Golden Dome	9,827
Grandview	0
Hardin	4,202
Keith Block	141,187
Kevin Sunburst	29,108
Middle Butte	12,330
Mount Lili	26,145
Pine	56,099
Plevna	15,310
Utopia	7,808
Whitlash	131,854
Miscellaneous	25,340
TOTAL	1,481,429

Total Withdrawals for June, 1963 were 1,556,931 M Cu. Ft.

PRODUCER'S REPORT—MONTH OF JUNE, 1964

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	889	1,912	.....	2,233	.....	568
5	Bannatyne	9	1,055	1,017	.....	1,258	.....	814
1	Bascom	1	265	249	374	.....	.....	140
4	Bear's Den	4	1,480	2,164	.....	2,264	.....	1,380
1	Belfry	1	226	540	.....	594	.....	172
1	Benrud	1	566	657	972	.....	.....	251
1	Benrud East	1	967	14,934	14,723	.....	.....	1,178
8	Big Wall	30	2,192	22,746	22,344	.....	.....	2,594
7	Blackfoot	12	1,921	6,009	3,709	2,393	9	1,819
1	Border	1	57	769	.....	714	.....	112
1	Bowes	72	10,094	13,491	18,618	.....	.....	4,967
3	Bradley	3	841	1,108	596	.....	.....	1,353
1	Brady	3	.....	430	430	.....	.....	.....
1	Bredette North	1	338	139	.....	.....	.....	477
2	Cabin Creek	108	8,056	252,393	252,541	.....	.....	7,908
13	Cat Creek	90	3,370	21,175	20,977	.....	.....	3,568
1	Clark's Fork	1	164	198	.....	139	.....	223
1	Clark's Fork North	1	1,131	22	.....	.....	.....	1,153
2	Conrad South	4	491	629	409	.....	.....	711
1	Cupton	1	1,511	792	.....	1,342	.....	961
169	Cut Bank	1,106	112,284	148,384	149,169	.....	188	111,311
3	Deer Creek	5	1,811	3,767	2,603	.....	.....	2,975
2	Delphia	2	387	285	.....	393	1	278
2	Devil's Basin	3	1,229	180	191	.....	.....	1,218
3	Dry Creek	3	439	475	.....	.....	.....	914
20	Dwyer	21	12,178	42,550	43,610	.....	.....	11,118
9	Elk Basin	61	3,123	288,380	288,171	.....	.....	3,332
1	Elk Basin Northwest	1	1,222	2,309	.....	2,798	.....	733
1	Fertile Prairie	1	701	1,807	1,491	.....	151	866
5	Flat Coulee	20	4,666	34,904	36,318	.....	.....	3,252
2	Frannie	2	.....	1,609	1,609	.....	.....	.....
15	Fred & George Creek	19	1,753	105,997	105,929	.....	.....	1,821
1	Gage	1	318	288	197	.....	2	407
4	Gas City	29	11,068	71,839	73,894	2,763	.....	6,250
6	Glendive	11	1,811	27,359	8,714	18,720	.....	1,736
9	Goose Lake	10	947	32,946	.....	30,564	.....	3,329
8	Graben Coulee	16	3,972	5,776	5,947	.....	48	3,753
5	Gypsy Basin	6	2,919	1,840	2,019	.....	84	2,656
1	Hibbard	1	284	596	.....	589	.....	291
9	Ivanhoe	15	3,128	22,532	22,421	.....	60	3,179
7	Keg Coulee	19	5,132	36,254	36,393	.....	.....	4,993
148	Kevin Sunburst	888	15,488	43,024	43,578	.....	87	14,847
2	Little Beaver	24	3,160	24,862	24,066	335	.....	3,621
3	Little Beaver East	19	2,779	24,526	24,659	.....	.....	2,646
2	Lodge Grass	2	.....	10,261	9,770	.....	.....	491
3	Lone Tree	3	1,202	4,426	.....	4,640	.....	988
25	Lookout Butte	69	4,292	142,805	144,450	.....	.....	2.647
....	Mackay Dome	.....	770	.....	.....	.....	.....	770
2	Melstone	5	1,501	2,824	3,283	.....	.....	1,042
6	Monarch	15	3,593	14,336	14,537	.....	.....	3,392
4	Mosser	4	.....	809	.....	809	.....	.....
....	Musselshell	.....	338	.....	.....	.....	.....	338
7	Outlook	11	8,438	27,482	28,980	.....	.....	6,940
2	Outlook South	2	1,749	1,819	1,620	.....	.....	1,948
63	Pennel	107	4,513	230,815	231,231	.....	153	3,944
4	Pine	131	13,509	309,252	308,789	363	.....	13,609
2	Pole Creek	4	2,298	2,497	.....	3,058	.....	1,737
77	Pondera	328	8,163	32,972	32,387	.....	.....	8,748
....	Pondera Coulee	.....	.....	.....	.....	.....	.....	.....
5	Poplar East	83	26,553	107,724	119,576	.....	51	14,650
4	Poplar Northwest	5	2,104	1,804	2,745	.....	.....	1,163
6	Ragged Point	18	3,443	8,249	8,515	.....	.....	3,177
4	Reagan	44	3,673	17,786	18,294	.....	.....	3 165
11	Red Creek	21	4,066	39,843	40,184	.....	.....	3,725
1	Redstone	1	623	930	1,111	.....	.....	442
1	Repeat	1	86	832	.....	593	.....	325
6	Richey	9	4,009	3,797	4,628	.....	.....	3,178
6	Richey Southwest	7	2,786	16,536	.....	16,632	.....	2,690
4	Sand Creek	5	.....	10,670	10,670	.....	.....	.....
7	Sidney-Brorson	7	3,721	4,990	.....	3,867	.....	4.844
1	Snyder	3	946	329	.....	190	16	1,069
5	Soap Creek	9	3,450	4,539	.....	2,592	.....	5,397
2	Spring Lake	3	3,023	11,546	.....	9,698	.....	4,871
2	Stensvad	24	4,969	31,698	32,748	.....	.....	3,919
27	Sumatra	94	13,461	107,341	109,411	.....	713	10.678
5	Tule Creek	7	4,382	45,326	47,078	.....	.....	2,630
2	Vida	2	1,329	3,047	.....	3,773	.....	603
13	Whitlash	31	5,106	12,565	10,920	.....	.....	6,751
1	Whitlash West	1	140	1,081	1,081	.....	.....	140
2	Wills Creek South	2	1,585	10,823	10,347	.....	.....	2.061
9	Wolf Springs	16	3,885	26,362	26,651	.....	.....	3,596
4	Woodrow	6	557	5,993	5,900	.....	.....	650
1	Wildcat, Liberty Cty	1	150	151	.....	.....	.....	301
3	Wildcat, Roosevelt Cty	3	256	7,507	.....	5.064	.....	2,699
1	Wildcat, Sheridan Cty	1	.....	2,703	.....	1,746	.....	957
821		3,716	371,082	2,528,333	2,431,578	120,124	1,563	346,150

Total Oil Produced and Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1963	30,869,653	84,574	30,852,527	84,527
First Quarter, 1964	7,680,757	84,404	7,661,001	84,187
April, 1964	2,538,637	84,621	2,548,544	84,951
May, 1964	2,561,909	82,642	2,543,699	82,054
June, 1964	2,528,333	84,277	2,551,702	85,056

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1963	340,101	926,949	566,444	1,833,494
March, 1964	365,053	1,049,139	688,993	2,103,185
April, 1964	353,506	1,078,002	875,597	2,307,105
May, 1964	371,082	1,087,603	743,051	2,201,736
June, 1964	346,150	1,115,235	788,338	2,249,723

*Includes Wyoming Oil.

TRANSPORTER'S REPORT—MONTH OF JUNE, 1964

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,233				2,233		
BANNATYNE—Truck			1,258			1,258			
BEAR'S DEN—Truck			2,264					2,264	
BELFRY—Truck			594				594		
BIG WALL—Glacier Pipeline Co.		21,532				21,532			
BLACKFOOT—Union Oil Co.		3,709				3,709			
Camerland Cardinal Corp.			2,393					2,393	
		3,709	2,393			3,709		2,393	
BORDER—Truck			714			714			
BOWES—Texaco, Inc.		18,618				18,618			
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	277,526	753,095	43,135	668,614			1,390,232		352,138
Shell Pipeline Co.	4,181	380,768	1,386		32			382,416	3,887
	281,707	1,133,863	44,521	668,614	32		1,390,232	382,416	356,025
CAT CREEK									
Glacier Pipeline Co.		18,004				18,004			
CLARK'S FORK—Truck			139				139		
CUT BANK									
Darling Gathering System, Inc.	2,063	5,446						5,310	2,199
Glacier Pipeline Co.				471,235		471,235			
Phillips Petroleum Co.	70,924	45,695		29,868	1,365	47,514		56,878	40,730
Texas Pipeline Co.	19,064	32,214		24,546	218			47,406	28,200
Western Oil Transportation Co.	92,211	31,092		68,036	300			107,260	83,779
Union Oil Co.	111,990	55,884		7,127	831	43,616			130,554
	296,252	170,331		600,812	2,714	562,365		216,854	285,462
DELPHIA—Truck			393			393			
DRY CREEK—									
Marathon Pipeline Co.	7,148								7,148
DWYER—Hunt Petroleum Corp.		40,000					40,000		
ELK BASIN—Marathon Pipeline Co.		290,123				290,123			
ELK BASIN NORTHWEST—Truck			2,798				2,798		
FLAT COULEE—									
Camerland Cardinal Corp.	3,000	36,127						36,127	3,000
FRANNIE—Marathon Pipeline Co.		1,609					1,609		
FRED & GEORGE CREEK									
Camerland Cardinal Corp.	15,586	102,937				17,083		84,450	16,990
GAGE—Glacier Pipeline Co.		368				368			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	10,149	46,677			645			50,696	5,485
GOOSE LAKE—Truck			30,564				30,564		
HIBBARD—Truck			589			589			
IVANHOE—Glacier Pipeline Co.		22,418				22,418			
KEG COULEE—									
Glacier Pipeline Co.		20,923				20,923			
KEVIN SUNBURST—									
Big West Oil Co.	4,023	41,669				41,107			4,585
Homestake Oil & Gas Co.	926	2,649		5,310		8,426			459
Texas Pipeline Co.	14,762	16,613			471			24,546	6,358
	19,711	60,931		5,310	471	49,533		24,546	11,402
LONE TREE—Truck			4,640				4,640		
MELSTONE—									
Glacier Pipeline Co.		3,283				3,283			
MOSSER—Truck			809				809		
PONDERA—Phillips Petr. Co.	9,679	32,959		56,878	341	89,601			9,574
POPLAR, BENRUD, BENRUD EAST, BREDETTE, OUTLOOK, OUTLOOK SOUTH, REDSTONE, RICHEY & TULE CREEK									
East Poplar Gathering System	35,023	225,839			3,411			233,116†	24,335
POLE CREEK—Truck			3,058				3,058		
RAGGED POINT—									
Glacier Pipeline Co.		8,521				8,521			
RED CREEK—									
Western Oil Transportation Co.		44,806			450			44,356	
SIDNEY-BRORSON									
McWood Corp.	8,999		3,867	2,682				8,220	7,328
SNYDER—McWood Corp.			190			190			
SOAP CREEK—McWood Corp.	4,173		2,592	2,145		3,759			5,151
SPRING LAKE—Truck			9,698				9,698		
SUMATRA AND STENSVAD—									
Glacier Pipeline Co.	396,176	143,975		97,017	3,717	165,903	31,460	52,753	383,335
WHITLASH—									
Camerland Cardinal Corp.		9,158				9,158			
WOLF SPRINGS—									
Glacier Pipeline Co.		26,650				26,650			
WILDCAT WELLS—			6,810			6,810			
TOTALS	1,087,603	2,483,361	120,124	1,433,458	11,781	1,341,505	1,517,834	1,138,191	1,115,235

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine Repeat, Richey, Richey Southwest and Wills Creek, South.

†Transferred to Butte Pipeline Company.

Montana School of Mines
Attn: Mrs. Peck, Librarian
Butte, Montana

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF JUNE, 1964

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Rfg. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Union Oil Co.	Total
Big Wall	.....	.....	.....	21,532	.....	.....	.....	.....	21,532
Blackfoot	.....	.....	.....	.....	.....	.....	.....	3,709	3,709
Border	.....	.....	.....	714	.....	.....	.....	.....	714
Bowes	.....	.....	18,618	.....	.....	.....	.....	.....	18,618
Cat Creek	.....	13,853	.....	.....	.....	2,696	.....	.....	16,549
Cut Bank	.....	32,072	.....	.....	.....	.....	85,022	32,075	149,169
Delphia	.....	.....	.....	.....	.....	431	.....	.....	431
Dry Creek	.....	.....	.....	1,348	.....	.....	.....	.....	1,348
Elk Basin	.....	119,095	.....	77,520	93,506	.....	.....	.....	290,121
Flat Coulee	.....	36,318	.....	.....	.....	.....	.....	.....	36,318
Fred and George Creek	17,083	84,450	.....	.....	.....	.....	.....	.....	101,533
Gage	.....	260	.....	.....	.....	108	.....	.....	368
Hibbard	.....	.....	.....	.....	.....	595	.....	.....	595
Ivanhoe	.....	.....	.....	.....	22,418	.....	.....	.....	22,418
Keg Coulee	.....	.....	.....	20,923	.....	.....	.....	.....	20,923
Kevin Sunburst	48,480	.....	.....	.....	.....	.....	.....	.....	48,480
Melstone	.....	.....	.....	3,283	.....	.....	.....	.....	3,283
Pondera	.....	.....	.....	.....	.....	.....	53,087	.....	53,087
Ragged Point	.....	8,521	.....	.....	.....	.....	.....	.....	8,521
Red Creek	.....	.....	.....	.....	44,356	.....	.....	.....	44,356
Snyder	.....	190	.....	.....	.....	.....	.....	.....	190
Soap Creek	.....	3,759	.....	.....	.....	.....	.....	.....	3,759
Sumatra and Stensvad	.....	25,647	.....	84,708	.....	.....	.....	.....	110,355
Whitlash	9,158	.....	.....	.....	.....	.....	.....	.....	9,158
Wolf Springs	.....	.....	.....	.....	11,449	.....	.....	.....	11,449
Wildcat Wells	.....	6,810	.....	.....	.....	.....	.....	.....	6,810
Total Montana Oil	74,721	330,975	18,618	210,028	171,729	3,830	138,109	35,784	983,794
Canadian Oil Imported	.....	305,015	.....	.....	13,908	.....	.....	2,199	321,122
Wyoming Oil Imported	.....	154,558	.....	396,812	773,496	2,477	.....	.....	1,327,343
Total Montana, Canadian, and Wyoming Oil	74,721	790,548	18,618	606,840	959,133	6,307	138,109	37,983	2,632,259

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1963	32,324	4,255	40,398	76,977
June, 1963	31,060	5,235	49,784	86,079
June, 1964	32,793	10,704	44,244	87,741

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1963	41.99%	5.53%	52.48%
June, 1963	36.08%	6.09%	57.83%
June, 1964	37.37%	12.21%	50.42%